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APR 24 2002
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Exhibit A (Page 1 of 14)

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                                                                        Section 1
                   (1) 1       10        20        30        40          52
       SEQ ID NO:3 (1) MCVPRSGLILSCICLYCGVLLPVLLPNLPFLTCLSMSTLESVTYLPEKGLYC
       SEQ ID NO:4 (1) -----------------------------------MSTLESVTYLPEKGLYC
       SEQ ID NO:5 (1) ----------------------------------------------------
       SEQ ID NO:6 (1) ----------------------------------------------------
       SEQ ID NO:7 (1) ----------------------------------------------------
       SEQ ID NO:8 (1) --------------------------------------MSKPGKPTLNHGLV
       SEQ ID NO:9 (1) ----------------------------------------------------
      SEQ ID NO:10 (1) ----------------------------------------------------
         Consensus (1)
                                                                        Section 2
                  (53) 53     60         70        80        90            104
      SEQ ID NO:3 (53) QRLPSSRTHGGTESLKGKNTENMGFYGTLKMIFYKMKRKLDHGSEVRSFSLG
      SEQ ID NO:4 (18) QRLPSSRTHGGTESLKGKNTENMGFYGTLKMIFYKMKRKLDHGSEVRSFSLG
      SEQ ID NO:5  (1) ----------------------MGFYGTLKMIFYKMKRKLDHGSEVRSFSLG
      SEQ ID NO:6  (1) ------------------------------MIFYKMKRKLDHGSEVRSFSLG
      SEQ ID NO:7  (1) -----------------------------------MKRKLDHGSEVRSFSLG
      SEQ ID NO:8 (15) PVDLKSAKEPLPHQTVMKIFSISIIAQGLPFCRRRMKRKLDHGSEVRSFSLG
      SEQ ID NO:9  (1) ----------------MKIFSISIIAQGLPFCRRRMKRKLDHGSEVRSFSLG
     SEQ ID NO:10  (1) -----------------------------------MKRKLDHGSEVRSFSLG
        Consensus (53)                  K          L MIFYKMKRKLDHGSEVRSFSLG
                                                                        Section 3
                 (105) 105  110       120       130       140            156
     SEQ ID NO:3 (105) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
      SEQ ID NO:4 (70) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
      SEQ ID NO:5 (31) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
      SEQ ID NO:6 (23) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
      SEQ ID NO:7 (18) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
      SEQ ID NO:8 (67) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
      SEQ ID NO:9 (37) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
     SEQ ID NO:10 (18) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
       Consensus (105) KKPCKVSEYTSTTGLVPCSATPTTFGDLRAANGQGQQRRRITSVQPPTGLQE
                                                                        Section 4
                 (157) 157          170       180       190            208
     SEQ ID NO:3 (157) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
     SEQ ID NO:4 (122) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
      SEQ ID NO:5 (83) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
      SEQ ID NO:6 (75) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
      SEQ ID NO:7 (70) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
     SEQ ID NO:8 (119) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
      SEQ ID NO:9 (89) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
     SEQ ID NO:10 (70) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
       Consensus (157) WLKMFQSWSGPEKLLALDELIDSCEPTQVKHMMQVIEPQFQRDFISLLPKEL
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                                                                                      Section 5
                (209) 209        220        230        240        250             260
   SEQ ID NO:3 (209) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
   SEQ ID NO:4 (174) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
   SEQ ID NO:5 (135) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
   SEQ ID NO:6 (127) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
   SEQ ID NO:7 (122) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
   SEQ ID NO:8 (171) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
   SEQ ID NO:9 (141) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
  SEQ ID NO:10 (122) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
     Consensus (209) ALYVLSFLEPKDLLQAAQTCRYWRILAEDNLLWREKCKEEGIDEPLHIKRRK
                                                                                      Section 6
                (261) 261       270        280        290        300             312
   SEQ ID NO:3 (261) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
   SEQ ID NO:4 (226) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
   SEQ ID NO:5 (187) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
   SEQ ID NO:6 (179) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
   SEQ ID NO:7 (174) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
   SEQ ID NO:8 (223) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
   SEQ ID NO:9 (193) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
  SEQ ID NO:10 (174) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
     Consensus (261) VIKPGFIHSPWKSAYIRQHRIDTNWRRGELKSPKVLKGHDDHVITCLQFCGN
                                                                                      Section 7
                (313) 313    320        330        340        350             364
   SEQ ID NO:3 (313) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
   SEQ ID NO:4 (278) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
   SEQ ID NO:5 (239) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
   SEQ ID NO:6 (231) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
   SEQ ID NO:7 (226) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
   SEQ ID NO:8 (275) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
   SEQ ID NO:9 (245) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
  SEQ ID NO:10 (226) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
     Consensus (313) RIVSGSDDNTLKVWSAVTGKCLRTLVGHTGGVWSSQMRDNIIISGSTDRTLK
                                                                                      Section 8
                (365) 365  370        380        390        400                416
   SEQ ID NO:3 (365) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
   SEQ ID NO:4 (330) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
   SEQ ID NO:5 (291) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
   SEQ ID NO:6 (283) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
   SEQ ID NO:7 (278) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
   SEQ ID NO:8 (327) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
   SEQ ID NO:9 (297) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
  SEQ ID NO:10 (278) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
     Consensus (365) VWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRVWDIETGQCLHV
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                                                                    Section 9
                 (417) 417            430        440        450              468
    SEQ ID NO:3 (417) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
    SEQ ID NO:4 (382) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
    SEQ ID NO:5 (343) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
    SEQ ID NO:6 (335) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
    SEQ ID NO:7 (330) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
    SEQ ID NO:8 (379) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
    SEQ ID NO:9 (349) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
   SEQ ID NO:10 (330) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
      Consensus (417) LMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHTLQGHTNRVYSLQ
                                                                    Section 10
                 (469) 469         480        490        500        510      520
    SEQ ID NO:3 (469) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
    SEQ ID NO:4 (434) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
    SEQ ID NO:5 (395) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
    SEQ ID NO:6 (387) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
    SEQ ID NO:7 (382) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
    SEQ ID NO:8 (431) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
    SEQ ID NO:9 (401) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
   SEQ ID NO:10 (382) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
      Consensus (469) FDGIHVVSGSLDTSIRVWDVETGNCIHTLTGHQSLTSGMELKDNILVSGNAD
                                                                    Section 11
                 (521) 521         530        540        550        560      572
    SEQ ID NO:3 (521) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
    SEQ ID NO:4 (486) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
    SEQ ID NO:5 (447) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
    SEQ ID NO:6 (439) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
    SEQ ID NO:7 (434) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
    SEQ ID NO:8 (483) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
    SEQ ID NO:9 (453) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
   SEQ ID NO:10 (434) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
      Consensus (521) STVKIWDIKTGQCLQTLQGPNKHQSAVTCLQFNKNFVITSSDDGTVKLWDLK
                                                                    Section 12
                 (573) 573     580        590        600        610          624
    SEQ ID NO:3 (573) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
    SEQ ID NO:4 (538) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
    SEQ ID NO:5 (499) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
    SEQ ID NO:6 (491) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
    SEQ ID NO:7 (486) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
    SEQ ID NO:8 (535) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
    SEQ ID NO:9 (505) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
   SEQ ID NO:10 (486) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
      Consensus (573) TGEFIRNLVTLESGGSGGVVWRIRASNTKLVCAVGSRNGTEETKLLVLDFDV
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                    (625) 6527
  SEQ ID NO:3 (625) DMK
  SEQ ID NO:4 (590) DMK
  SEQ ID NO:5 (551) DMK
  SEQ ID NO:6 (543) DMK
  SEQ ID NO:7 (538) DMK
  SEQ ID NO:8 (587) DMK
  SEQ ID NO:9 (557) DMK
 SEQ ID NO:10 (538) DMK
    Consensus (625) DMK
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------------------------------------------------------------ Section 1
               (1) 1        10        20        30        40         52
SEQ ID NO:1    (1) ----------CTCATTATTCCCTCGAGTTC--TTCTCAGTCAA--GCTGCAT
SEQ ID NO:2    (1) CTCAGCAGGTCAGGACATTTGGTAGGGGAAGGTTGAAAGACAAAAGCAGCAG
Consensus      (1)           C     ATT   T G G     TT   AG CAA  GC GCA
------------------------------------------------------------ Section 2
              (53) 53     60        70        80        90          104
SEQ ID NO:1   (39) GTAT--GTATGTGTGTCCCGAGAAGCGGTTTGATACTGAGCTGCATTTGCC-
SEQ ID NO:2   (53) GCCTTGGGTTCTCAGCCTTTTAAAAACTATTATTAAATATATATTTTTAAAA
Consensus     (53) G  T  G  T T  G C     AA     TT  TA   A  T   TTT
------------------------------------------------------------ Section 3
             (105) 105  110       120       130       140           156
SEQ ID NO:1   (88) TTTACTG--TGGAG-TTTTGTTGCCGGTTCTGC-TCCCTAATCTTCCTTTTC
SEQ ID NO:2  (105) TTTAGTGGTTAGAGCTTTTAGTAATGTGCCTGTATTACATGTAGAGAGTATT
Consensus    (105) TTTA TG  T GAG TTTT  T   G   CTG  T  C   T      T T
------------------------------------------------------------ Section 4
             (157) 157          170       180       190             208
SEQ ID NO:1  (136) TGACGTGCCTGAGCA-TGTCCACAT-TAGAATCTGTGACATACCTAC-CTGA
SEQ ID NO:2  (157) CGTCAACCAAGAGGAGTTTTAAAATGTCAAAACCGGGA-AAACCTACTCTAA
Consensus    (157)  G C   C  GAG A T T  A AT T  AA C G GA A ACCTAC CT A
------------------------------------------------------------ Section 5
             (209) 209        220       230       240       250     260
SEQ ID NO:1  (185) AAAAGGTTTATATTGTCAGAGACTGCCAAGCAGCCGGACACACGGGGGCACA
SEQ ID NO:2  (208) ACCATGGCTTGGTTCCTGTTGATCTTAAAAGTGCAAAAGAGCCTCTACCACA
Consensus    (209) A  A G  T   TT      GA     AA   GC   A A  C     CACA
------------------------------------------------------------ Section 6
             (261) 261      270       280       290       300       312
SEQ ID NO:1  (237) G-AATCACTGAAGGGGAAAAATACAGAAAATATGGGTTTCTACGGCACATTA
SEQ ID NO:2  (260) TCAAACCGTGATGAAGATATTTAGCATTAGCATCATTGCCCAAGGC--CTCC
Consensus    (261)   AA C  TGA G  GA A  TA     A  AT   T  C A GGC   T
------------------------------------------------------------ Section 7
             (313) 313    320       330       340       350         364
SEQ ID NO:1  (288) AAAATGATTTTTTACAAAATGAAAAGAAAGTTGGACCATGGTTCTGAGGTCC
SEQ ID NO:2  (310) CTTTTTGTCGAAGACGGA-TGAAAAGAAAGTTGGACCATGGTTCTGAGGTCC
Consensus    (313)     T  T     AC  A TGAAAAGAAAGTTGGACCATGGTTCTGAGGTCC
------------------------------------------------------------ Section 8
             (365) 365  370       380       390       400           416
SEQ ID NO:1  (340) GCTCTTTTTCTTTGGGAAAGAAACCATGCAAAGTCTCAGAATATACAAGTAC
SEQ ID NO:2  (361) GCTCTTTTTCTTTGGGAAAGAAACCATGCAAAGTCTCAGAATATACAAGTAC
Consensus    (365) GCTCTTTTTCTTTGGGAAAGAAACCATGCAAAGTCTCAGAATATACAAGTAC
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                                                              Section 9
                (417) 417          430         440         450              468
   SEQ ID NO:1  (392) CACTGGGCTTGTACCATGTTCAGCAACACCAACAACTTTTGGGGACCTCAGA
   SEQ ID NO:2  (413) CACTGGGCTTGTACCATGTTCAGCAACACCAACAACTTTTGGGGACCTCAGA
     Consensus  (417) CACTGGGCTTGTACCATGTTCAGCAACACCAACAACTTTTGGGGACCTCAGA
                                                              Section 10
                (469) 469          480         490         500         510        520
   SEQ ID NO:1  (444) GCAGCCAATGGCCAAGGGCAACAACGACGCCGAATTACATCTGTCCAGCCAC
   SEQ ID NO:2  (465) GCAGCCAATGGCCAAGGGCAACAACGACGCCGAATTACATCTGTCCAGCCAC
     Consensus  (469) GCAGCCAATGGCCAAGGGCAACAACGACGCCGAATTACATCTGTCCAGCCAC
                                                              Section 11
                (521) 521       530         540         550         560           572
   SEQ ID NO:1  (496) CTACAGGCCTCCAGGAATGGCTAAAAATGTTTCAGAGCTGGAGTGGACCAGA
   SEQ ID NO:2  (517) CTACAGGCCTCCAGGAATGGCTAAAAATGTTTCAGAGCTGGAGTGGACCAGA
     Consensus  (521) CTACAGGCCTCCAGGAATGGCTAAAAATGTTTCAGAGCTGGAGTGGACCAGA
                                                              Section 12
                (573) 573    580         590         600         610              624
   SEQ ID NO:1  (548) GAAATTGCTTGCTTTAGATGAACTCATTGATAGTTGTGAACCAACACAAGTA
   SEQ ID NO:2  (569) GAAATTGCTTGCTTTAGATGAACTCATTGATAGTTGTGAACCAACACAAGTA
     Consensus  (573) GAAATTGCTTGCTTTAGATGAACTCATTGATAGTTGTGAACCAACACAAGTA
                                                              Section 13
                (625) 625  630         640         650         660                676
   SEQ ID NO:1  (600) AAACATATGATGCAAGTGATAGAACCCCAGTTTCAACGAGACTTCATTTCAT
   SEQ ID NO:2  (621) AAACATATGATGCAAGTGATAGAACCCCAGTTTCAACGAGACTTCATTTCAT
     Consensus  (625) AAACATATGATGCAAGTGATAGAACCCCAGTTTCAACGAGACTTCATTTCAT
                                                              Section 14
                (677) 677          690         700         710                  728
   SEQ ID NO:1  (652) TGCTCCCTAAAGAGTTGGCACTCTATGTGCTTTCATTCCTGGAACCCAAAGA
   SEQ ID NO:2  (673) TGCTCCCTAAAGAGTTGGCACTCTATGTGCTTTCATTCCTGGAACCCAAAGA
     Consensus  (677) TGCTCCCTAAAGAGTTGGCACTCTATGTGCTTTCATTCCTGGAACCCAAAGA
                                                              Section 15
                (729) 729          740         750         760         770        780
   SEQ ID NO:1  (704) CCTGCTACAAGCAGCTCAGACATGTCGCTACTGGAGAATTTTGGCTGAAGAC
   SEQ ID NO:2  (725) CCTGCTACAAGCAGCTCAGACATGTCGCTACTGGAGAATTTTGGCTGAAGAC
     Consensus  (729) CCTGCTACAAGCAGCTCAGACATGTCGCTACTGGAGAATTTTGGCTGAAGAC
                                                              Section 16
                (781) 781       790         800         810         820           832
   SEQ ID NO:1  (756) AACCTTCTCTGGAGAGAGAAATGCAAAGAAGAGGGGATTGATGAACCATTGC
   SEQ ID NO:2  (777) AACCTTCTCTGGAGAGAGAAATGCAAAGAAGAGGGGATTGATGAACCATTGC
     Consensus  (781) AACCTTCTCTGGAGAGAGAAATGCAAAGAAGAGGGGATTGATGAACCATTGC
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                                                            Section 17
                (833) 833      840            850            860            870            884
 SEQ ID NO:1    (808) ACATCAAGAGAAGAAAAGTAATAAAACCAGGTTTCATACACAGTCCATGGAA
 SEQ ID NO:2    (829) ACATCAAGAGAAGAAAAGTAATAAAACCAGGTTTCATACACAGTCCATGGAA
 Consensus      (833) ACATCAAGAGAAGAAAAGTAATAAAACCAGGTTTCATACACAGTCCATGGAA
                                                            Section 18
                (885) 885   890            900            910            920            936
 SEQ ID NO:1    (860) AAGTGCATACATCAGACAGCACAGAATTGATACTAACTGGAGGCGAGGAGAA
 SEQ ID NO:2    (881) AAGTGCATACATCAGACAGCACAGAATTGATACTAACTGGAGGCGAGGAGAA
 Consensus      (885) AAGTGCATACATCAGACAGCACAGAATTGATACTAACTGGAGGCGAGGAGAA
                                                            Section 19
                (937) 937                950            960            970            988
 SEQ ID NO:1    (912) CTCAAATCTCCTAAGGTGCTGAAAGGACATGATGATCATGTGATCACATGCT
 SEQ ID NO:2    (933) CTCAAATCTCCTAAGGTGCTGAAAGGACATGATGATCATGTGATCACATGCT
 Consensus      (937) CTCAAATCTCCTAAGGTGCTGAAAGGACATGATGATCATGTGATCACATGCT
                                                            Section 20
                (989) 989          1000           1010           1020           1030      1040
 SEQ ID NO:1    (964) TACAGTTTTGTGGTAACCGAATAGTTAGTGGTTCTGATGACAACACTTTAAA
 SEQ ID NO:2    (985) TACAGTTTTGTGGTAACCGAATAGTTAGTGGTTCTGATGACAACACTTTAAA
 Consensus      (989) TACAGTTTTGTGGTAACCGAATAGTTAGTGGTTCTGATGACAACACTTTAAA
                                                            Section 21
               (1041) 1041      1050           1060           1070           1080      1092
 SEQ ID NO:1   (1016) AGTTTGGTCAGCAGTCACAGGCAAATGTCTGAGAACATTAGTGGGACATACA
 SEQ ID NO:2   (1037) AGTTTGGTCAGCAGTCACAGGCAAATGTCTGAGAACATTAGTGGGACATACA
 Consensus     (1041) AGTTTGGTCAGCAGTCACAGGCAAATGTCTGAGAACATTAGTGGGACATACA
                                                            Section 22
               (1093) 1093    1100           1110           1120           1130           1144
 SEQ ID NO:1   (1068) GGTGGAGTATGGTCATCACAAATGAGAGACAACATCATCATTAGTGGATCTA
 SEQ ID NO:2   (1089) GGTGGAGTATGGTCATCACAAATGAGAGACAACATCATCATTAGTGGATCTA
 Consensus     (1093) GGTGGAGTATGGTCATCACAAATGAGAGACAACATCATCATTAGTGGATCTA
                                                            Section 23
               (1145) 1145 1150           1160           1170           1180           1196
 SEQ ID NO:1   (1120) CAGATCGGACACTCAAAGTGTGGAATGCAGAGACTGGAGAATGTATACACAC
 SEQ ID NO:2   (1141) CAGATCGGACACTCAAAGTGTGGAATGCAGAGACTGGAGAATGTATACACAC
 Consensus     (1145) CAGATCGGACACTCAAAGTGTGGAATGCAGAGACTGGAGAATGTATACACAC
                                                            Section 24
               (1197) 1197               1210           1220           1230           1248
 SEQ ID NO:1   (1172) CTTATATGGGCATACTTCCACTGTGCGTTGTATGCATCTTCATGAAAAAAGA
 SEQ ID NO:2   (1193) CTTATATGGGCATACTTCCACTGTGCGTTGTATGCATCTTCATGAAAAAAGA
 Consensus     (1197) CTTATATGGGCATACTTCCACTGTGCGTTGTATGCATCTTCATGAAAAAAGA
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                                                             Section 25
               (1249) 1249       1260      1270      1280      1290      1300
SEQ ID NO:1    (1224) GTTGTTAGCGGTTCTCGAGATGCCACTCTTAGGGTTTGGGATATTGAGACAG
SEQ ID NO:2    (1245) GTTGTTAGCGGTTCTCGAGATGCCACTCTTAGGGTTTGGGATATTGAGACAG
Consensus      (1249) GTTGTTAGCGGTTCTCGAGATGCCACTCTTAGGGTTTGGGATATTGAGACAG
                                                             Section 26
               (1301) 1301     1310      1320      1330      1340        1352
SEQ ID NO:1    (1276) GCCAGTGTTTACATGTTTTGATGGGTCATGTTGCAGCAGTCCGCTGTGTTCA
SEQ ID NO:2    (1297) GCCAGTGTTTACATGTTTTGATGGGTCATGTTGCAGCAGTCCGCTGTGTTCA
Consensus      (1301) GCCAGTGTTTACATGTTTTGATGGGTCATGTTGCAGCAGTCCGCTGTGTTCA
                                                             Section 27
               (1353) 1353   1360      1370      1380      1390          1404
SEQ ID NO:1    (1328) ATATGATGGCAGGAGGGTTGTTAGTGGAGCATATGATTTTATGGTAAAGGTG
SEQ ID NO:2    (1349) ATATGATGGCAGGAGGGTTGTTAGTGGAGCATATGATTTTATGGTAAAGGTG
Consensus      (1353) ATATGATGGCAGGAGGGTTGTTAGTGGAGCATATGATTTTATGGTAAAGGTG
                                                             Section 28
               (1405) 1405 1410      1420      1430      1440            1456
SEQ ID NO:1    (1380) TGGGATCCAGAGACTGAAACCTGTCTACACACGTTGCAGGGGCATACTAATA
SEQ ID NO:2    (1401) TGGGATCCAGAGACTGAAACCTGTCTACACACGTTGCAGGGGCATACTAATA
Consensus      (1405) TGGGATCCAGAGACTGAAACCTGTCTACACACGTTGCAGGGGCATACTAATA
                                                             Section 29
               (1457) 1457          1470      1480      1490              1508
SEQ ID NO:1    (1432) GAGTCTATTCATTACAGTTTGATGGTATCCATGTGGTGAGTGGATCTCTTGA
SEQ ID NO:2    (1453) GAGTCTATTCATTACAGTTTGATGGTATCCATGTGGTGAGTGGATCTCTTGA
Consensus      (1457) GAGTCTATTCATTACAGTTTGATGGTATCCATGTGGTGAGTGGATCTCTTGA
                                                             Section 30
               (1509) 1509       1520      1530      1540      1550      1560
SEQ ID NO:1    (1484) TACATCAATCCGTGTTTGGGATGTGGAGACAGGGAATTGCATTCACACGTTA
SEQ ID NO:2    (1505) TACATCAATCCGTGTTTGGGATGTGGAGACAGGGAATTGCATTCACACGTTA
Consensus      (1509) TACATCAATCCGTGTTTGGGATGTGGAGACAGGGAATTGCATTCACACGTTA
                                                             Section 31
               (1561) 1561     1570      1580      1590      1600        1612
SEQ ID NO:1    (1536) ACAGGGCACCAGTCGTTAACAAGTGGAATGGAACTCAAAGACAATATTCTTG
SEQ ID NO:2    (1557) ACAGGGCACCAGTCGTTAACAAGTGGAATGGAACTCAAAGACAATATTCTTG
Consensus      (1561) ACAGGGCACCAGTCGTTAACAAGTGGAATGGAACTCAAAGACAATATTCTTG
                                                             Section 32
               (1613) 1613   1620      1630      1640      1650          1664
SEQ ID NO:1    (1588) TCTCTGGGAATGCAGATTCTACAGTTAAAATCTGGGATATCAAAACAGGACA
SEQ ID NO:2    (1609) TCTCTGGGAATGCAGATTCTACAGTTAAAATCTGGGATATCAAAACAGGACA
Consensus      (1613) TCTCTGGGAATGCAGATTCTACAGTTAAAATCTGGGATATCAAAACAGGACA
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                                                                    Section 33
                 (1665) 1665   1670          1680          1690          1700              1716
   SEQ ID NO:1 (1640) GTGTTTACAAACATTGCAAGGTCCCAACAAGCATCAGAGTGCTGTGACCTGT
   SEQ ID NO:2 (1661) GTGTTTACAAACATTGCAAGGTCCCAACAAGCATCAGAGTGCTGTGACCTGT
     Consensus (1665) GTGTTTACAAACATTGCAAGGTCCCAACAAGCATCAGAGTGCTGTGACCTGT
                                                                    Section 34
                 (1717) 1717              1730          1740          1750              1768
   SEQ ID NO:1 (1692) TTACAGTTCAACAAGAACTTTGTAATTACCAGCTCAGATGATGGAACTGTAA
   SEQ ID NO:2 (1713) TTACAGTTCAACAAGAACTTTGTAATTACCAGCTCAGATGATGGAACTGTAA
     Consensus (1717) TTACAGTTCAACAAGAACTTTGTAATTACCAGCTCAGATGATGGAACTGTAA
                                                                    Section 35
                 (1769) 1769         1780          1790          1800          1810      1820
   SEQ ID NO:1 (1744) AACTATGGGACTTGAAAACGGGTGAATTTATTCGAAACCTAGTCACATTGGA
   SEQ ID NO:2 (1765) AACTATGGGACTTGAAAACGGGTGAATTTATTCGAAACCTAGTCACATTGGA
     Consensus (1769) AACTATGGGACTTGAAAACGGGTGAATTTATTCGAAACCTAGTCACATTGGA
                                                                    Section 36
                 (1821) 1821         1830          1840          1850          1860      1872
   SEQ ID NO:1 (1796) GAGTGGGGGGAGTGGGGGAGTTGTGTGGCGGATCAGAGCCTCAAACACAAAG
   SEQ ID NO:2 (1817) GAGTGGGGGGAGTGGGGGAGTTGTGTGGCGGATCAGAGCCTCAAACACAAAG
     Consensus (1821) GAGTGGGGGGAGTGGGGGAGTTGTGTGGCGGATCAGAGCCTCAAACACAAAG
                                                                    Section 37
                 (1873) 1873    1880          1890          1900          1910          1924
   SEQ ID NO:1 (1848) CTGGTGTGTGCAGTTGGGAGTCGGAATGGGACTGAAGAAACCAAGCTGCTGG
   SEQ ID NO:2 (1869) CTGGTGTGTGCAGTTGGGAGTCGGAATGGGACTGAAGAAACCAAGCTGCTGG
     Consensus (1873) CTGGTGTGTGCAGTTGGGAGTCGGAATGGGACTGAAGAAACCAAGCTGCTGG
                                                                    Section 38
                 (1925) 1925   1930          1940          1950          1960              1976
   SEQ ID NO:1 (1900) TGCTGGACTTTGATGTGGACATGAAGTGAAGAGCAGAAAAGATGAATTTGTC
   SEQ ID NO:2 (1921) TGCTGGACTTTGATGTGGACATGAAGTGAAGAGCAGAAAAGATGAATTTGTC
     Consensus (1925) TGCTGGACTTTGATGTGGACATGAAGTGAAGAGCAGAAAAGATGAATTTGTC
                                                                    Section 39
                 (1977) 1977              1990          2000          2010                  2028
   SEQ ID NO:1 (1952) CAATTGTGTAGACGATATACTCCCTGCCCTTCCCCCTGCAAAAAGAAAAAAA
   SEQ ID NO:2 (1973) CAATTGTGTAGACGATATACTCCCTGCCCTTCCCCCTGCAAAAAGAAAAAAA
     Consensus (1977) CAATTGTGTAGACGATATACTCCCTGCCCTTCCCCCTGCAAAAAGAAAAAAA
                                                                    Section 40
                 (2029) 2029         2040          2050          2060          2070      2080
   SEQ ID NO:1 (2004) GAAAAGAAAAAGAAAAAAATCCCTTGTTCTCAGTGGTGCAGGATGTTGGCTT
   SEQ ID NO:2 (2025) GAAAAGAAAAAGAAAAAAATCCCTTGTTCTCAGTGGTGCAGGATGTTGGCTT
     Consensus (2029) GAAAAGAAAAAGAAAAAAATCCCTTGTTCTCAGTGGTGCAGGATGTTGGCTT
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                                                                              Section 41
               (2081) 2081      2090       2100       2110       2120           2132
SEQ ID NO:1 (2056) GGGGCAACAGATTGAAAAGACCTACAGACTAAGAAGGAAAAGAAGAAGAGAT
SEQ ID NO:2 (2077) GGGGCAACAGATTGAAAAGACCTACAGACTAAGAAGGAAAAGAAGAAGAGAT
  Consensus (2081) GGGGCAACAGATTGAAAAGACCTACAGACTAAGAAGGAAAAGAAGAAGAGAT
                                                                              Section 42
               (2133) 2133    2140       2150       2160       2170            2184
SEQ ID NO:1 (2108) GACAAACCATAACTGACAAGAGAGGCGTCTGCTGTCTCATCACATAAAAGGC
SEQ ID NO:2 (2129) GACAAACCATAACTGACAAGAGAGGCGTCTGCTGTCTCATCACATAAAAGGC
  Consensus (2133) GACAAACCATAACTGACAAGAGAGGCGTCTGCTGTCTCATCACATAAAAGGC
                                                                              Section 43
               (2185) 2185  2190       2200       2210       2220              2236
SEQ ID NO:1 (2160) TTCACTTTTGACTGAGGGCAGCTTTGCAAAATGAGACTTTCTAAATCAAACC
SEQ ID NO:2 (2181) TTCACTTTTGACTGAGGGCAGCTTTGCAAAATGAGACTTTCTAAATCAAACC
  Consensus (2185) TTCACTTTTGACTGAGGGCAGCTTTGCAAAATGAGACTTTCTAAATCAAACC
                                                                              Section 44
               (2237) 2237              2250       2260       2270             2288
SEQ ID NO:1 (2212) AGGTGCAATTATTTCTTTATTTTCTTCTCCAGTGGTCATTGGGGCAGTGTTA
SEQ ID NO:2 (2233) AGGTGCAATTATTTCTTTATTTTCTTCTCCAGTGGTCATTGGGGCAGTGTTA
  Consensus (2237) AGGTGCAATTATTTCTTTATTTTCTTCTCCAGTGGTCATTGGGGCAGTGTTA
                                                                              Section 45
               (2289) 2289          2300       2310       2320       2330     2340
SEQ ID NO:1 (2264) ATGCTGAAACATCATTACAGATTCTGCTAGCCTGTTCTTTTACCACTGACAG
SEQ ID NO:2 (2285) ATGCTGAAACATCATTACAGATTCTGCTAGCCTGTTCTTTTACCACTGACAG
  Consensus (2289) ATGCTGAAACATCATTACAGATTCTGCTAGCCTGTTCTTTTACCACTGACAG
                                                                              Section 46
               (2341) 2341      2350       2360       2370       2380          2392
SEQ ID NO:1 (2316) CTAGACACCTAGAAAGGAACTGCAATAATATCAAAACAAGTACTGGTTGACT
SEQ ID NO:2 (2337) CTAGACACCTAGAAAGGAACTGCAATAATATCAAAACAAGTACTGGTTGACT
  Consensus (2341) CTAGACACCTAGAAAGGAACTGCAATAATATCAAAACAAGTACTGGTTGACT
                                                                              Section 47
               (2393) 2393    2400       2410       2420       2430            2444
SEQ ID NO:1 (2368) TTCTAATTAGAGAGCATCTGCAACAAAAAGTCATTTTTCTGGAGTGGAAAAG
SEQ ID NO:2 (2389) TTCTAATTAGAGAGCATCTGCAACAAAAAGTCATTTTTCTGGAGTGGAAAAG
  Consensus (2393) TTCTAATTAGAGAGCATCTGCAACAAAAAGTCATTTTTCTGGAGTGGAAAAG
                                                                              Section 48
               (2445) 2445  2450       2460       2470       2480              2496
SEQ ID NO:1 (2420) CTTAAAAAAATTACTGTGAATTGTTTTTGTACAGTTATCATGAAAAGCTTTT
SEQ ID NO:2 (2441) CTTAAAAAAATTACTGTGAATTGTTTTTGTACAGTTATCATGAAAAGCTTTT
  Consensus (2445) CTTAAAAAAATTACTGTGAATTGTTTTTGTACAGTTATCATGAAAAGCTTTT
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                                                                        Section 49
        (2497) 2497        2510       2520       2530                     2548
SEQ ID NO:1 (2472) TTTTTTATTTTTTNGCCAACCATTGCCAATGTCAATCAATCACAGTATTAGC
SEQ ID NO:2 (2493) TTTTTTATTTTTTNGCCAACCATTGCCAATGTCAATCAATCACAGTATTAGC
  Consensus (2497) TTTTTTATTTTTTNGCCAACCATTGCCAATGTCAATCAATCACAGTATTAGC
                                                                        Section 50
        (2549) 2549       2560       2570       2580       2590        2600
SEQ ID NO:1 (2524) CTCTGTTAATCTATTTACTGTTGCTTCCATATACATTCTTCAATGCATATGT
SEQ ID NO:2 (2545) CTCTGTTAATCTATTTACTGTTGCTTCCATATACATTCTTCAATGCATATGT
  Consensus (2549) CTCTGTTAATCTATTTACTGTTGCTTCCATATACATTCTTCAATGCATATGT
                                                                        Section 51
        (2601) 2601      2610       2620       2630       2640         2652
SEQ ID NO:1 (2576) TGCTCAAAGGTGGCAAGTTGTCCTGGGTTCTGTGAGTCCTGAGATGGATTTA
SEQ ID NO:2 (2597) TGCTCAAAGGTGGCAAGTTGTCCTGGGTTCTGTGAGTCCTGAGATGGATTTA
  Consensus (2601) TGCTCAAAGGTGGCAAGTTGTCCTGGGTTCTGTGAGTCCTGAGATGGATTTA
                                                                        Section 52
        (2653) 2653   2660       2670       2680       2690           2704
SEQ ID NO:1 (2628) ATTCTTGATGCTGGTGCTAGAAGTAGGTCTTCAAATATGGGATTGTTGTCCC
SEQ ID NO:2 (2649) ATTCTTGATGCTGGTGCTAGAAGTAGGTCTTCAAATATGGGATTGTTGTCCC
  Consensus (2653) ATTCTTGATGCTGGTGCTAGAAGTAGGTCTTCAAATATGGGATTGTTGTCCC
                                                                        Section 53
        (2705) 2705  2710       2720       2730       2740              2756
SEQ ID NO:1 (2680) AACCCTGTACTGTACTCCCAGTGGCCAAACTTATTTATGCTGCTAAATGAAA
SEQ ID NO:2 (2701) AACCCTGTACTGTACTCCCAGTGGCCAAACTTATTTATGCTGCTAAATGAAA
  Consensus (2705) AACCCTGTACTGTACTCCCAGTGGCCAAACTTATTTATGCTGCTAAATGAAA
                                                                        Section 54
        (2757) 2757        2770       2780       2790                     2808
SEQ ID NO:1 (2732) GAAAGAAAAAAGCAAATTATTTTTTTTATTTTTTTTCTGCTGTGACGTTTTA
SEQ ID NO:2 (2753) GAAAGAAAAAAGCAAATTATTTTTTTTATTTTTTTTCTGCTGTGACGTTTTA
  Consensus (2757) GAAAGAAAAAAGCAAATTATTTTTTTTATTTTTTTTCTGCTGTGACGTTTTA
                                                                        Section 55
        (2809) 2809       2820       2830       2840       2850        2860
SEQ ID NO:1 (2784) GTCCCAGACTGAATTCCAAATTTGCTCTAGTTTGGTTATGGAAAAAAGACTT
SEQ ID NO:2 (2805) GTCCCAGACTGAATTCCAAATTTGCTCTAGTTTGGTTATGGAAAAAAGACTT
  Consensus (2809) GTCCCAGACTGAATTCCAAATTTGCTCTAGTTTGGTTATGGAAAAAAGACTT
                                                                        Section 56
        (2861) 2861      2870       2880       2890       2900         2912
SEQ ID NO:1 (2836) TTTGCCACTGAAACTTGAGCCATCTGTGCCTCTAAGAGGCTGAGAATGGAAG
SEQ ID NO:2 (2857) TTTGCCACTGAAACTTGAGCCATCTGTGCCTCTAAGAGGCTGAGAATGGAAG
  Consensus (2861) TTTGCCACTGAAACTTGAGCCATCTGTGCCTCTAAGAGGCTGAGAATGGAAG
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------------------------------------------------------------------------ Section 57
          (2913) 2913   2920      2930      2940      2950          2964
SEQ ID NO:1 (2888) AGTTTCAGATAATAAAGAGTGAAGTTTGCCTGCAAGTAAAGAATTGAGAGTG
SEQ ID NO:2 (2909) AGTTTCAGATAATAAAGAGTGAAGTTTGCCTGCAAGTAAAGAATTGAGAGTG
  Consensus (2913) AGTTTCAGATAATAAAGAGTGAAGTTTGCCTGCAAGTAAAGAATTGAGAGTG
------------------------------------------------------------------------ Section 58
          (2965) 2965 2970      2980      2990      3000            3016
SEQ ID NO:1 (2940) TGTGCAAAGCTTATTTTCTTTTATCTGGGCAAAAATTAAAACACATTCCTTG
SEQ ID NO:2 (2961) TGTGCAAAGCTTATTTTCTTTTATCTGGGCAAAAATTAAAACACATTCCTTG
  Consensus (2965) TGTGCAAAGCTTATTTTCTTTTATCTGGGCAAAAATTAAAACACATTCCTTG
------------------------------------------------------------------------ Section 59
          (3017) 3017         3030      3040      3050                3068
SEQ ID NO:1 (2992) GAACAGAGCTATTACTTGCCTGTTCTGTGGAGAAACTTTTCTTTTTGAGGGC
SEQ ID NO:2 (3013) GAACAGAGCTATTACTTGCCTGTTCTGTGGAGAAACTTTTCTTTTTGAGGGC
  Consensus (3017) GAACAGAGCTATTACTTGCCTGTTCTGTGGAGAAACTTTTCTTTTTGAGGGC
------------------------------------------------------------------------ Section 60
          (3069) 3069        3080      3090      3100      3110      3120
SEQ ID NO:1 (3044) TGTGGTGAATGGATGAACGTACATCGTAAAACTGACAAAATATTTTAAAAAT
SEQ ID NO:2 (3065) TGTGGTGAATGGATGAACGTACATCGTAAAACTGACAAAATATTTTAAAAAT
  Consensus (3069) TGTGGTGAATGGATGAACGTACATCGTAAAACTGACAAAATATTTTAAAAAT
------------------------------------------------------------------------ Section 61
          (3121) 3121     3130      3140      3150      3160        3172
SEQ ID NO:1 (3096) ATATAAAACACAAAATTAAAATAAAGTTGCTGGTCAGTCTTAGTGTTTTACA
SEQ ID NO:2 (3117) ATATAAAACACAAAATTAAAATAAAGTTGCTGGTCAGTCTTAGTGTTTTACA
  Consensus (3121) ATATAAAACACAAAATTAAAATAAAGTTGCTGGTCAGTCTTAGTGTTTTACA
------------------------------------------------------------------------ Section 62
          (3173) 3173   3180      3190      3200      3210            3224
SEQ ID NO:1 (3148) GTATTTGGGAAAACAACTGTTACAGTTTTATTGCTCTGAGTAACTGACAAAG
SEQ ID NO:2 (3169) GTATTTGGGAAAACAACTGTTACAGTTTTATTGCTCTGAGTAACTGACAAAG
  Consensus (3173) GTATTTGGGAAAACAACTGTTACAGTTTTATTGCTCTGAGTAACTGACAAAG
------------------------------------------------------------------------ Section 63
          (3225) 3225 3230      3240      3250      3260            3276
SEQ ID NO:1 (3200) CAGAAACTATTCAGTTTTTGTAGTAAAGGCGTCACATGCAAACAAACAAAAT
SEQ ID NO:2 (3221) CAGAAACTATTCAGTTTTTGTAGTAAAGGCGTCACATGCAAACAAACAAAAT
  Consensus (3225) CAGAAACTATTCAGTTTTTGTAGTAAAGGCGTCACATGCAAACAAACAAAAT
------------------------------------------------------------------------ Section 64
          (3277) 3277         3290      3300      3310                3328
SEQ ID NO:1 (3252) GAATGAAACAGTCAAATGGTTTGCCTCATTCTCCAAGAGCCACAACTCAAGC
SEQ ID NO:2 (3273) GAATGAAACAGTCAAATGGTTTGCCTCATTCTCCAAGAGCCACAACTCAAGC
  Consensus (3277) GAATGAAACAGTCAAATGGTTTGCCTCATTCTCCAAGAGCCACAACTCAAGC
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                                                                    Section 65
           (3329) 3329      3340      3350      3360      3370      3380
SEQ ID NO:1 (3304) TGAACTGTGAAAGTGGTTTAACACTGTATCCTAGGCGATCTTTTTTCCTCCT
SEQ ID NO:2 (3325) TGAACTGTGAAAGTGGTTTAACACTGTATCCTAGGCGATCTTTTTTCCTCCT
  Consensus (3329) TGAACTGTGAAAGTGGTTTAACACTGTATCCTAGGCGATCTTTTTTCCTCCT
                                                                    Section 66
           (3381) 3381     3390      3400      3410      3420       3432
SEQ ID NO:1 (3356) TCTGTTTATTTTTTTGNTTGTTTTATTTATAGTCTGATTTAAAACAATCAGA
SEQ ID NO:2 (3377) TCTGTTTATTTTTTTGNTTGTTTTATTTATAGTCTGATTTAAAACAATCAGA
  Consensus (3381) TCTGTTTATTTTTTTGNTTGTTTTATTTATAGTCTGATTTAAAACAATCAGA
                                                                    Section 67
           (3433) 3433   3440      3450      3460      3470          3484
SEQ ID NO:1 (3408) TTCAAGTTGGTTAATTTTAGTTATGTAACAACCTGACATGATGGAGGAAAAC
SEQ ID NO:2 (3429) TTCAAGTTGGTTAATTTTAGTTATGTAACAACCTGACATGATGGAGGAAAAC
  Consensus (3433) TTCAAGTTGGTTAATTTTAGTTATGTAACAACCTGACATGATGGAGGAAAAC
                                                                    Section 68
           (3485) 3485 3490      3500      3510      3520            3536
SEQ ID NO:1 (3460) AACCTTTAAAGGGATTGTGTCTATGGTTTGATTCACTTAGAAATTTTATTTT
SEQ ID NO:2 (3481) AACCTTTAAAGGGATTGTGTCTATGGTTTGATTCACTTAGAAATTTTATTTT
  Consensus (3485) AACCTTTAAAGGGATTGTGTCTATGGTTTGATTCACTTAGAAATTTTATTTT
                                                                    Section 69
           (3537) 3537         3550      3560           3575
SEQ ID NO:1 (3512) CTTATAACTTAAGTGCAATAAAATGTGTTTTTTCATGTT
SEQ ID NO:2 (3533) CTTATAACTTAAGTGCAATAAAATGTGTTTTTTCATGTT
  Consensus (3537) CTTATAACTTAAGTGCAATAAAATGTGTTTTTTCATGTT
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